

# **IIAPM FUNDING WINDOW**

## **ARIZONA GAME AND FISH DEPARTMENT Heritage Grant IIAPM Proposal's – Eligibility CRITERIA**

**August 3, 2016**

*Heritage – Identification, Inventory, Acquisition, Protection, and Management (IIAPM) grants are for projects that preserve and enhance Arizona's natural biological diversity. The sensitive elements (e.g. species and habitats) for which IIAPM grant proposals may be submitted are listed in this document. Projects must align with at least one of these objectives to be considered for grant funding.*

The intent is to fund **IIAPM** projects that give the greatest return for the Heritage funds invested consistent with the eligibility criteria listed below. For **2017** there is a total of **\$200,000** available to support **IIAPM** grant proposals. Grant applicants can request from **\$500** to **\$200,000** within this sub-category.

**IIAPM** proposals **must** meet **one or more** of the **Eligibility CRITERIA** listed below.

These projects focus on species the Department actively manages, or which the Department needs additional information to allow for active management, including “traditional” recovery activities necessary to achieve down- or de-listing, and practical solutions to threats; species for which:

1. Additional information is required to inform a listing decision, or;
2. Significant threats might be reduced, or;
3. Conservation agreements or other conservation tools may be developed to preclude the need to list, and/or provide assurances to the Department and/or non-federal landowners if the species is listed in the future; species that require actions or information to meet the needs identified in the 2012 Arizona State Wildlife Action Plan (SWAP) “to keep the common species common” include:
  - Federally listed species
  - Candidate species identified in the Multi-District Litigation settlements (= MDL species)
  - Species of Greatest Conservation Need (SGCN) Tier 1A and 1B.
  - Listed or candidate species identified in the Department's Sport Fish Stocking Conservation and Mitigation Program (CAMP)

### **CRITERION:**

1. Assess raptor migration corridors in central and southern Arizona south of Interstate 40.
2. Conserve desert pupfish populations in Arizona and in northern Mexico to help recover the species across its entire range and to facilitate the translocation of pupfish to exchange genetic material among wild and captive populations in both Arizona and Sonora.
3. For spinedace and loach minnow, compare genetics of captive broodstock and F1 generation fish at the Department's Aquatic Research and Conservation Center with wild source populations to ensure refuge and produced fish are representative of wild populations.
4. Conduct field studies to evaluate the efficacy of various translocation techniques used for SGCN species frequently relocated due to development activities (e.g., burrowing owls, Gunnison's prairie dogs, desert tortoises).

5. Design and implement field or laboratory studies to more effectively design conservation and wildlife management actions targeting native ranid frogs.
6. To assist the Department in designing effective Sonoran desert tortoise conservation and wildlife management actions, conduct studies to investigate tortoise demography or threats.
7. Design and implement experiments to evaluate the effects of conservation and wildlife management actions on northern Mexican or narrow-headed gartersnakes.
8. Investigate options to increase Mt. Graham red squirrel habitat on Mt. Graham.
9. Conduct research on captive and wild propagation techniques for California floater (a rare native freshwater mussel).
10. Conduct field surveys to determine present occurrence, population status, and management needs of SGCN mollusks (on one of the three groups): 1) Sonoran talussnail, Santa Rita talussnail, and San Xavier talussnail, 2) Huachuca woodlandsnail, or 3) Phoenix talussnail and Superstitions talussnail.
11. Conduct research on captive propagation and life history of Huachuca springsnail, Three Forks springsnail, or Verde Rim springsnail.

Please contact the Department's IIAPM Wildlife Management Project Leader or Assistant Project Leaders at (623-236-7507) regarding any questions about criterion or priorities eligible this year.

**Note:** The list of Species of Greatest Conservation Need (SGCN) that are referenced in this document are also available from the Department's Nongame Wildlife Branch (5000 W Carefree Highway, Phoenix, Arizona 85086; phone 623-236-7507; fax 623-236-7926) or by download from the Department's website [http://www.azgfd.gov/w\\_c/swap.shtml](http://www.azgfd.gov/w_c/swap.shtml).

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